



# ANTERO RESOURCES CORPORATION

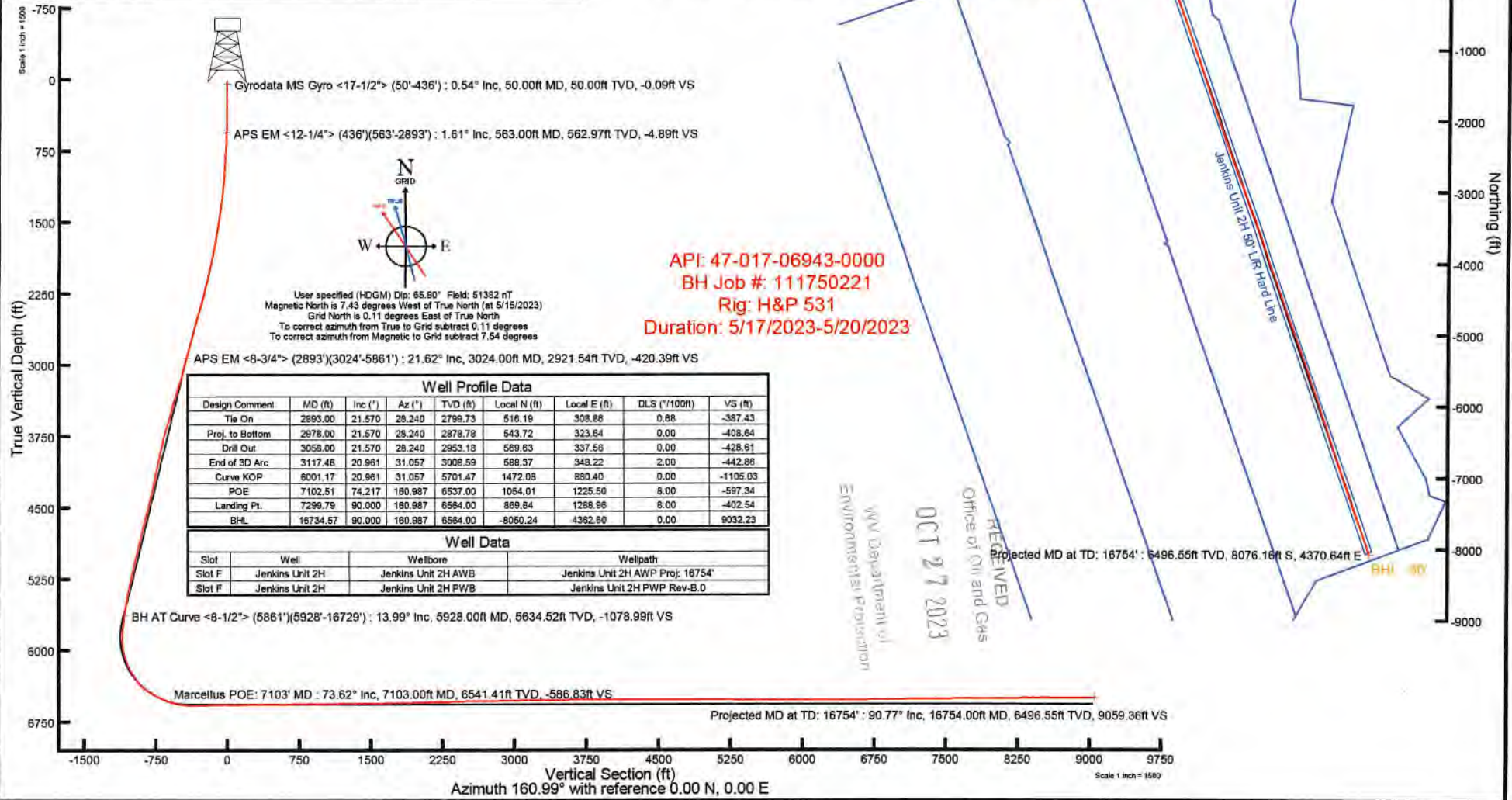
Location: Doddridge Co., WV  
 Field: Doddridge  
 Facility: Locke Pad

Slot: Slot F  
 Well: Jenkins Unit 2H  
 Wellbore: Jenkins Unit 2H PWB



Plot reference wellpath is Jenkins Unit 2H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 531 (RKB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 531 (RKB)	Scale: True distance
H&P 531 (RKB) to Mean Sea Level: 1130 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot F) -1100 feet	Depths are in feet
Other wellpath MDs are referenced to each path's debut MD datum	Credited by: edsluar on 2023-05-30, Database: WA, MPL, EASTERNUS, DWH

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Locke Pad	1687522.330	14226577.530	39°10'38.8900"N	80°50'1.5999"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Longitude
Slot F	58.78	45.57	1687587.880	14226636.270	39°10'39.2700"N 80°50'1.0189"W
Comment	Jenkins Unit 2H				
H&P 531 (RKB) to Ground level (At Slot: Slot F)	30h				
Mean Sea Level to Ground level (At Slot: Slot F)	-1100ft				
H&P 531 (RKB) to Mean Sea Level	1130ft				





# Actual Wellpath Report

Jenkins Unit 2H AWP Proj: 16754'

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## REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 2H
Field	Doddridge	API	47-017-06943-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 2H AWB
Slot	Slot F		

## REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999603	Report Generated	5/30/2023 at 4:47:36 PM
Convergence at slot	0.11° East	Database	WA_MPL_EASTERNUS_Defn

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	58.76	45.57	1687567.88	14226636.27	39°10'39.2700"N	80°50'1.0199"W
Facility Reference Pt			1687522.33	14226577.53	39°10'38.6900"N	80°50'1.5999"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

## WELLPATH DATUM

Calculation method	Minimum curvature	H&P 531 (RKB) to Facility Vertical Datum	1130.00ft
Horizontal Reference Pt	Slot	H&P 531 (RKB) to Mean Sea Level	1130.00ft
Vertical Reference Pt	H&P 531 (RKB)	H&P 531 (RKB) to Ground Level at Slot (Slot F)	30.00ft
MD Reference Pt	H&P 531 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	160.99°

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Jenkins Unit 2H AWP Proj: 16754'  
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Jenkins Unit 2H
Field	Doddridge		API	47-017-06943-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 2H AWP
Slot	Slot F			

WELLPATH DATA (185 stations) † = interpolated, ‡ = extrapolated station																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
0.00†	0.000	318.880	0.00	0.00	0.00	0.00	1687567.88	14226636.27	39°10'39.2700"N	80°50'1.0199"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	318.880	30.00	0.00	0.00	0.00	1687567.88	14226636.27	39°10'39.2700"N	80°50'1.0199"W	0.00	0.000	0.00	0.00	0.00	
50.00	0.540	318.880	50.00	-0.09	0.07	-0.06	1687567.82	14226636.34	39°10'39.2707"N	80°50'1.0207"W	0.09	318.880	2.70	2.70	0.00	Gyrodata MS Gyro <17-1/2"> (50'-436')
100.00	0.610	323.490	100.00	-0.56	0.46	-0.38	1687567.50	14226636.73	39°10'39.2746"N	80°50'1.0247"W	0.60	320.938	0.17	0.14	9.22	
150.00	0.520	341.340	149.99	-1.04	0.89	-0.61	1687567.27	14226637.16	39°10'39.2788"N	80°50'1.0276"W	1.08	325.778	0.39	-0.18	35.70	
200.00	0.440	333.540	199.99	-1.46	1.28	-0.76	1687567.12	14226637.55	39°10'39.2826"N	80°50'1.0296"W	1.49	329.119	0.21	-0.16	-15.60	
250.00	0.270	4.370	249.99	-1.76	1.57	-0.84	1687567.04	14226637.84	39°10'39.2855"N	80°50'1.0306"W	1.78	331.787	0.50	-0.34	61.66	
300.00	0.360	13.110	299.99	-2.00	1.84	-0.80	1687567.08	14226638.11	39°10'39.2882"N	80°50'1.0300"W	2.00	336.574	0.20	0.18	17.48	
350.00	0.480	18.930	349.99	-2.30	2.19	-0.69	1687567.19	14226638.46	39°10'39.2916"N	80°50'1.0287"W	2.30	342.439	0.25	0.24	11.64	
400.00	0.400	16.180	399.99	-2.60	2.55	-0.58	1687567.30	14226638.82	39°10'39.2953"N	80°50'1.0272"W	2.62	347.291	0.17	-0.16	-5.50	
436.00	0.390	5.890	435.99	-2.82	2.80	-0.53	1687567.35	14226639.07	39°10'39.2977"N	80°50'1.0266"W	2.85	349.299	0.20	-0.03	-28.58	
563.00	1.610	0.690	562.97	-4.89	5.01	-0.46	1687567.42	14226641.28	39°10'39.3195"N	80°50'1.0257"W	5.03	354.724	0.96	0.96	-4.09	APS EM <12-1/4"> (436')(563'-2893')
653.00	2.980	29.580	652.89	-7.63	8.31	0.71	1687568.59	14226644.58	39°10'39.3521"N	80°50'1.0108"W	8.34	4.865	1.95	1.52	32.10	
744.00	4.930	28.320	743.67	-11.84	13.81	3.73	1687571.61	14226650.07	39°10'39.4064"N	80°50'0.9722"W	14.31	15.116	2.14	2.14	-1.38	
835.00	4.410	25.260	834.37	-17.00	20.42	7.08	1687574.96	14226656.68	39°10'39.4717"N	80°50'0.9296"W	21.61	19.121	0.63	-0.57	-3.36	
926.00	5.940	32.570	925.00	-22.43	27.55	11.11	1687578.98	14226663.81	39°10'39.5421"N	80°50'0.8783"W	29.70	21.957	1.83	1.68	8.03	
1016.00	6.980	40.210	1014.43	-28.12	35.65	17.14	1687585.02	14226671.91	39°10'39.6220"N	80°50'0.8014"W	39.56	25.683	1.50	1.16	8.49	
1111.00	7.890	34.340	1108.63	-34.97	45.44	24.55	1687592.42	14226681.69	39°10'39.7187"N	80°50'0.7071"W	51.65	28.379	1.25	0.96	-6.18	
1206.00	10.320	36.200	1202.43	-43.72	57.70	33.25	1687601.12	14226693.94	39°10'39.8396"N	80°50'0.5963"W	66.59	29.958	2.58	2.56	1.96	
1300.00	13.540	34.270	1294.38	-55.10	73.59	44.43	1687612.29	14226709.83	39°10'39.9965"N	80°50'0.4541"W	85.96	31.120	3.45	3.43	-2.05	
1395.00	14.420	33.200	1386.57	-69.00	92.68	57.17	1687625.02	14226728.91	39°10'40.1850"N	80°50'0.2919"W	108.89	31.668	0.97	0.93	-1.13	
1490.00	15.580	34.400	1478.33	-83.85	113.10	70.85	1687638.70	14226749.33	39°10'40.3866"N	80°50'0.1176"W	133.46	32.064	1.26	1.22	1.26	
1679.00	17.810	37.840	1659.36	-114.79	156.88	102.93	1687670.77	14226793.08	39°10'40.8187"N	80°49'59.7093"W	187.63	33.269	1.29	1.18	1.82	
1774.00	17.820	35.920	1749.80	-131.09	180.12	120.37	1687688.20	14226816.32	39°10'41.0481"N	80°49'59.4873"W	216.64	33.753	0.62	0.01	-2.02	
1869.00	18.110	34.410	1840.17	-148.24	204.08	137.24	1687705.06	14226840.26	39°10'41.2846"N	80°49'59.2725"W	245.93	33.920	0.58	0.31	-1.59	
2058.00	18.790	33.540	2019.46	-184.26	253.68	170.66	1687738.47	14226889.85	39°10'41.7743"N	80°49'58.8470"W	305.74	33.930	0.39	0.36	-0.46	
2153.00	18.320	30.420	2109.52	-203.27	279.31	186.67	1687754.48	14226915.47	39°10'42.0273"N	80°49'58.6430"W	335.95	33.756	1.16	-0.49	-3.28	
2342.00	21.610	28.260	2287.14	-246.22	335.60	218.20	1687785.99	14226971.73	39°10'42.5830"N	80°49'58.2413"W	400.29	33.031	1.78	1.74	-1.14	
2437.00	21.630	27.520	2375.46	-270.13	366.53	234.57	1687802.36	14227002.66	39°10'42.8885"N	80°49'58.0327"W	435.17	32.618	0.29	0.02	-0.78	
2531.00	21.430	26.950	2462.90	-293.99	397.20	250.36	1687818.14	14227033.32	39°10'43.1914"N	80°49'57.8315"W	469.52	32.223	0.31	-0.21	-0.61	

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# Actual Wellpath Report

Jenkins Unit 2H AWP Proj: 16754'  
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Jenkins Unit 2H
Field	Doddridge		API	47-017-06943-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 2H AWB
Slot	Slot F			

WELLPATH DATA (165 stations)																	
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments	
2626.00	21.330	25.930	2551.36	-318.29	428.21	265.78	1687833.55	14227064.31	39°10'43.4976"N	80°49'57.6350"W	503.99	31.827	0.41	-0.11	-1.07		
2721.00	21.520	24.620	2639.79	-343.13	459.59	280.59	1687848.36	14227095.68	39°10'43.8074"N	80°49'57.4461"W	538.48	31.405	0.54	0.20	-1.38		
2815.00	21.630	26.810	2727.21	-367.68	490.73	295.59	1687863.35	14227126.80	39°10'44.1149"N	80°49'57.2549"W	572.88	31.063	0.86	0.12	2.33		
2893.00	21.570	28.240	2799.73	-387.43	516.19	308.86	1687876.62	14227152.25	39°10'44.3663"N	80°49'57.0859"W	601.54	30.894	0.68	-0.08	1.83		
3024.00	21.620	27.480	2921.54	-420.39	558.81	331.39	1687899.14	14227194.86	39°10'44.7872"N	80°49'56.7988"W	649.69	30.669	0.22	0.04	-0.58	APS EM <8-3/4"> (2893')(3024'-5861')	
3119.00	22.410	31.260	3009.62	-444.02	589.82	348.86	1687916.60	14227225.86	39°10'45.0934"N	80°49'56.5761"W	685.27	30.603	1.71	0.83	3.98		
3214.00	23.000	29.760	3097.25	-467.83	621.41	367.47	1687935.21	14227257.44	39°10'45.4053"N	80°49'56.3391"W	721.94	30.598	0.87	0.62	-1.58		
3308.00	22.670	24.920	3183.89	-492.98	653.79	384.22	1687951.95	14227289.80	39°10'45.7250"N	80°49'56.1256"W	758.33	30.442	2.03	-0.35	-5.15		
3402.00	22.820	25.450	3270.58	-519.03	686.68	399.69	1687967.41	14227322.67	39°10'46.0497"N	80°49'55.9285"W	794.53	30.202	0.27	0.16	0.66		
3498.00	23.000	25.430	3359.01	-545.71	720.42	415.74	1687983.46	14227356.41	39°10'46.3830"N	80°49'55.7238"W	831.78	29.988	0.19	0.19	-0.02		
3593.00	23.130	27.650	3446.42	-571.77	753.71	432.37	1688000.08	14227389.68	39°10'46.7117"N	80°49'55.5119"W	868.92	29.841	0.93	0.14	2.34		
3688.00	23.780	32.500	3533.58	-596.50	786.40	451.32	1688019.02	14227422.35	39°10'47.0345"N	80°49'55.2704"W	906.71	29.852	2.14	0.68	5.11		
3782.00	23.380	27.920	3619.74	-621.03	818.87	470.24	1688037.93	14227454.81	39°10'47.3550"N	80°49'55.0294"W	944.28	29.867	1.99	-0.43	-4.87		
3877.00	22.380	28.620	3707.26	-646.09	851.40	487.73	1688055.41	14227487.33	39°10'47.6762"N	80°49'54.8066"W	981.20	29.807	1.09	-1.05	0.74		
3972.00	20.880	33.030	3795.57	-668.70	881.47	505.62	1688073.30	14227517.39	39°10'47.9731"N	80°49'54.5787"W	1016.19	29.839	2.33	-1.58	4.64		
4067.00	19.790	28.740	3884.66	-689.93	909.77	522.58	1688090.26	14227545.67	39°10'48.2525"N	80°49'54.3626"W	1049.18	29.874	1.94	-1.15	-4.52		
4161.00	19.020	27.960	3973.32	-711.08	937.25	537.42	1688105.08	14227573.15	39°10'48.5239"N	80°49'54.1736"W	1080.40	29.830	0.86	-0.82	-0.83		
4256.00	18.770	35.760	4063.21	-730.46	963.33	553.61	1688121.27	14227599.21	39°10'48.7813"N	80°49'53.9673"W	1111.08	29.885	2.67	-0.26	8.21		
4350.00	16.830	29.580	4152.72	-748.19	987.44	569.17	1688136.82	14227623.32	39°10'49.0194"N	80°49'53.7692"W	1139.73	29.959	2.88	-2.06	-6.57		
4445.00	16.060	25.690	4243.83	-766.63	1011.24	581.65	1688149.30	14227647.11	39°10'49.2544"N	80°49'53.6101"W	1166.59	29.907	1.41	-0.81	-4.09		
4540.00	19.770	28.740	4334.21	-786.78	1037.18	595.08	1688162.72	14227673.04	39°10'49.5105"N	80°49'53.4390"W	1195.77	29.845	4.03	3.91	3.21		
4634.00	20.580	29.390	4422.44	-808.44	1065.52	610.83	1688178.47	14227701.36	39°10'49.7903"N	80°49'53.2383"W	1228.19	29.825	0.89	0.86	0.69		
4730.00	20.710	28.160	4512.28	-831.18	1095.18	627.12	1688194.75	14227731.02	39°10'50.0832"N	80°49'53.0307"W	1262.03	29.796	0.47	0.14	-1.28		
4825.00	20.970	29.440	4601.06	-853.87	1124.80	643.41	1688211.03	14227760.62	39°10'50.3756"N	80°49'52.8232"W	1295.82	29.770	0.55	0.27	1.35		
4919.00	19.630	26.670	4689.23	-876.06	1153.56	658.76	1688226.38	14227789.37	39°10'50.6596"N	80°49'52.6275"W	1328.41	29.729	1.75	-1.43	-2.95		
5014.00	20.790	30.170	4778.38	-898.23	1182.40	674.40	1688242.01	14227818.19	39°10'50.9443"N	80°49'52.4283"W	1361.20	29.699	1.76	1.22	3.68		
5109.00	20.710	31.190	4867.22	-920.01	1211.34	691.57	1688259.18	14227847.13	39°10'51.2301"N	80°49'52.2095"W	1394.85	29.723	0.39	-0.08	1.07		
5203.00	21.870	34.850	4954.80	-940.97	1239.93	710.19	1688277.78	14227875.70	39°10'51.5124"N	80°49'51.9725"W	1428.91	29.803	1.88	1.23	3.89		
5298.00	20.100	29.900	5043.51	-962.14	1268.61	728.44	1688296.03	14227904.37	39°10'51.7954"N	80°49'51.7400"W	1462.87	29.865	2.64	-1.86	-5.21		
5392.00	20.470	31.440	5131.68	-983.22	1296.63	745.06	1688312.64	14227932.38	39°10'52.0721"N	80°49'51.5283"W	1495.45	29.882	0.69	0.39	1.64		

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Facility	Locke Pad		Wellbore	Jenkins Unit 2H AWP
Slot	Slot F			

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5487.00	21.390	37.190	5220.42	-1003.44	1324.61	764.20	1688331.78	14227960.35	39°10'52.3483"N	80°49'51.2845"W	1529.25	29.982	2.37	0.97	6.05	
5581.00	21.340	37.290	5307.96	-1022.47	1351.87	784.92	1688352.49	14227987.60	39°10'52.6174"N	80°49'51.0207"W	1563.22	30.140	0.07	-0.05	0.11	
5675.00	22.330	42.960	5395.22	-1040.35	1378.55	807.46	1688375.02	14228014.27	39°10'52.8807"N	80°49'50.7339"W	1597.62	30.359	2.48	1.05	6.03	
5770.00	20.360	46.400	5483.71	-1055.71	1403.16	831.73	1688399.28	14228038.87	39°10'53.1234"N	80°49'50.4252"W	1631.14	30.658	2.46	-2.07	3.62	
5861.00	16.880	39.870	5569.94	-1069.13	1424.22	851.67	1688419.21	14228059.92	39°10'53.3313"N	80°49'50.1714"W	1659.44	30.879	4.45	-3.82	-7.18	
5928.00	13.990	34.380	5634.52	-1078.99	1438.38	862.48	1688430.02	14228074.07	39°10'53.4710"N	80°49'50.0338"W	1677.14	30.948	4.83	-4.31	-8.19	BH AT Curve <8-1/2"> (5861')(5928'-16729')
5986.00	14.490	40.660	5690.74	-1086.84	1449.67	871.17	1688438.70	14228085.36	39°10'53.5824"N	80°49'49.9232"W	1691.29	31.004	2.80	0.86	10.83	
6080.00	17.180	52.240	5781.19	-1097.24	1467.10	889.82	1688457.34	14228102.78	39°10'53.7543"N	80°49'49.6860"W	1715.85	31.237	4.40	2.86	12.32	
6175.00	17.040	68.210	5872.03	-1102.43	1480.86	913.85	1688481.36	14228116.54	39°10'53.8900"N	80°49'49.3805"W	1740.14	31.679	4.93	-0.15	16.81	
6269.00	17.860	94.580	5961.85	-1097.32	1484.83	941.05	1688508.55	14228120.51	39°10'53.9287"N	80°49'49.0350"W	1757.92	32.365	8.39	0.87	28.05	
6364.00	19.790	119.470	6051.91	-1079.42	1475.74	969.62	1688537.11	14228111.42	39°10'53.8383"N	80°49'48.6724"W	1765.78	33.306	8.63	2.03	26.20	
6458.00	26.210	128.150	6138.41	-1050.03	1455.06	999.84	1688567.32	14228090.75	39°10'53.6334"N	80°49'48.2891"W	1765.47	34.495	7.71	6.83	9.23	
6500.00†	28.495	133.175	6175.72	-1033.37	1442.47	1014.44	1688581.91	14228078.17	39°10'53.5087"N	80°49'48.1040"W	1763.47	35.117	7.73	5.44	11.97	Sycamore: 6500' MD
6553.00	31.600	138.520	6221.60	-1009.34	1423.41	1032.86	1688600.33	14228059.11	39°10'53.3199"N	80°49'47.8705"W	1758.67	35.966	7.73	5.86	10.08	
6648.00	37.340	144.030	6299.91	-958.73	1381.40	1066.31	1688633.76	14228017.12	39°10'52.9041"N	80°49'47.4468"W	1745.08	37.665	6.87	6.04	5.80	
6722.00†	43.867	147.893	6356.07	-912.23	1341.47	1093.15	1688660.60	14227977.21	39°10'52.5089"N	80°49'47.1068"W	1730.47	39.176	9.45	8.82	5.22	Middlesex: 6722' MD
6742.00	45.650	148.780	6370.27	-898.50	1329.49	1100.54	1688667.98	14227965.22	39°10'52.3903"N	80°49'47.0133"W	1725.90	39.618	9.45	8.92	4.43	
6837.00	54.890	152.640	6430.94	-826.68	1265.78	1136.09	1688703.52	14227901.54	39°10'51.7599"N	80°49'46.5634"W	1700.85	41.909	10.21	9.73	4.06	
6912.00†	61.565	154.612	6470.41	-763.48	1208.67	1164.36	1688731.78	14227844.46	39°10'51.1950"N	80°49'46.2057"W	1678.28	43.930	9.18	8.90	2.63	Burkett: 6912' MD
6931.00	63.260	155.070	6479.21	-746.74	1193.43	1171.52	1688738.93	14227829.22	39°10'51.0442"N	80°49'46.1152"W	1672.34	44.469	9.18	8.92	2.41	
7023.00†	69.446	159.842	6516.11	-662.69	1115.63	1203.73	1688771.13	14227751.45	39°10'50.2747"N	80°49'45.7081"W	1641.21	47.175	8.23	6.72	5.19	Tully: 7023' MD
7026.00	69.650	159.990	6517.16	-659.88	1112.99	1204.69	1688772.09	14227748.81	39°10'50.2485"N	80°49'45.6959"W	1640.13	47.266	8.23	6.80	4.95	
7103.00†	73.623	160.196	6541.41	-586.83	1044.29	1229.57	1688796.96	14227680.14	39°10'49.5691"N	80°49'45.3816"W	1613.19	49.658	5.17	5.16	0.27	Marcellus POE: 7103' MD
7120.00	74.500	160.240	6546.08	-570.48	1028.91	1235.10	1688802.49	14227664.77	39°10'49.4169"N	80°49'45.3117"W	1607.52	50.204	5.17	5.16	0.26	
7215.00	81.000	159.910	6566.23	-477.71	941.68	1266.72	1688834.10	14227577.57	39°10'48.5542"N	80°49'44.9122"W	1578.40	53.373	6.85	6.84	-0.35	
7309.00	90.180	160.350	6573.45	-384.09	853.63	1298.54	1688865.90	14227489.56	39°10'47.6833"N	80°49'44.5103"W	1553.99	56.680	9.78	9.77	0.47	
7403.00	90.610	161.150	6572.80	-290.10	764.89	1329.53	1688896.88	14227400.85	39°10'46.8056"N	80°49'44.1189"W	1533.85	60.088	0.97	0.46	0.85	
7498.00	91.170	161.410	6571.32	-195.11	674.92	1360.02	1688927.36	14227310.92	39°10'45.9159"N	80°49'43.7339"W	1518.28	63.607	0.65	0.59	0.27	
7593.00	90.620	161.270	6569.84	-100.13	584.93	1390.41	1688957.73	14227220.97	39°10'45.0258"N	80°49'43.3501"W	1508.44	67.184	0.60	-0.58	-0.15	
7687.00	90.680	161.090	6568.77	-6.13	495.96	1420.73	1688988.04	14227132.03	39°10'44.1459"N	80°49'42.9672"W	1504.81	70.757	0.20	0.06	-0.19	

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# Actual Wellpath Report

Jenkins Unit 2H AWP Proj: 16754'  
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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Jenkins Unit 2H
Field	Doddridge		API	47-017-06943-0000
Facility	Locke Pad		Wellbore	Jenkins Unit 2H AWB
Slot	Slot F			

WELLPATH DATA (185 stations)																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
7782.00	90.650	161.060	6567.67	88.86	406.10	1451.54	1689018.84	14227042.21	39°10'43.2571"N	80°49'42.5781"W	1507.28	74.370	0.04	-0.03	-0.03	
7876.00	90.770	161.550	6566.51	182.85	317.07	1481.67	1689048.96	14226953.21	39°10'42.3766"N	80°49'42.1977"W	1515.21	77.921	0.54	0.13	0.52	
7971.00	91.080	161.140	6564.97	277.84	227.07	1512.05	1689079.33	14226863.25	39°10'41.4865"N	80°49'41.8140"W	1529.01	81.459	0.54	0.33	-0.43	
8066.00	90.400	160.830	6563.75	372.83	137.26	1543.00	1689110.27	14226773.48	39°10'40.5983"N	80°49'41.4232"W	1549.10	84.916	0.79	-0.72	-0.33	
8160.00	90.120	161.180	6563.32	466.83	48.38	1573.60	1689140.85	14226684.63	39°10'39.7192"N	80°49'41.0368"W	1574.34	88.239	0.48	-0.30	0.37	
8255.00	89.420	160.890	6563.70	561.83	-41.46	1604.47	1689171.71	14226594.83	39°10'38.8306"N	80°49'40.6469"W	1605.01	91.480	0.80	-0.74	-0.31	
8350.00	92.370	161.680	6562.22	656.80	-131.41	1634.95	1689202.17	14226504.91	39°10'37.9410"N	80°49'40.2621"W	1640.22	94.595	3.21	3.11	0.83	
8444.00	90.430	160.660	6559.92	750.77	-220.35	1665.27	1689232.49	14226416.01	39°10'37.0613"N	80°49'39.8792"W	1679.79	97.538	2.33	-2.06	-1.09	
8539.00	90.550	161.180	6559.11	845.76	-310.13	1696.33	1689263.53	14226326.27	39°10'36.1734"N	80°49'39.4870"W	1724.44	100.361	0.56	0.13	0.55	
8633.00	90.340	161.180	6558.38	939.76	-399.10	1726.65	1689293.84	14226237.33	39°10'35.2935"N	80°49'39.1041"W	1772.18	103.015	0.22	-0.22	0.00	
8728.00	90.710	161.210	6557.51	1034.76	-489.02	1757.27	1689324.45	14226147.44	39°10'34.4041"N	80°49'38.7174"W	1824.05	105.551	0.39	0.39	0.03	
8823.00	90.250	161.090	6556.71	1129.75	-578.93	1787.97	1689355.13	14226057.58	39°10'33.5149"N	80°49'38.3299"W	1879.36	107.941	0.50	-0.48	-0.13	
8917.00	90.030	160.810	6556.48	1223.75	-667.78	1818.65	1689385.80	14225968.76	39°10'32.6361"N	80°49'37.9424"W	1937.37	110.162	0.38	-0.23	-0.30	
9012.00	90.770	161.490	6555.82	1318.75	-757.68	1849.34	1689416.48	14225878.89	39°10'31.7470"N	80°49'37.5549"W	1998.53	112.279	1.06	0.78	0.72	
9106.00	90.740	161.670	6554.58	1412.73	-846.86	1879.04	1689446.17	14225789.75	39°10'30.8650"N	80°49'37.1799"W	2061.06	114.260	0.19	-0.03	0.19	
9200.00	90.120	160.620	6553.87	1506.73	-935.81	1909.42	1689476.53	14225700.84	39°10'29.9852"N	80°49'36.7964"W	2126.41	116.110	1.30	-0.66	-1.12	
9295.00	91.200	161.250	6552.78	1601.72	-1025.59	1940.44	1689507.55	14225611.09	39°10'29.0973"N	80°49'36.4046"W	2194.80	117.858	1.32	1.14	0.66	
9390.00	90.920	161.510	6551.02	1696.70	-1115.60	1970.77	1689537.86	14225521.12	39°10'28.2070"N	80°49'36.0216"W	2264.62	119.513	0.40	-0.29	0.27	
9484.00	91.290	162.340	6549.21	1790.67	-1204.94	1999.93	1689567.01	14225431.81	39°10'27.3234"N	80°49'35.6536"W	2334.87	121.069	0.97	0.39	0.88	
9579.00	90.680	160.800	6547.58	1885.65	-1295.05	2029.96	1689597.03	14225341.73	39°10'26.4322"N	80°49'35.2745"W	2407.88	122.537	1.74	-0.64	-1.62	
9673.00	91.850	161.040	6545.50	1979.62	-1383.87	2060.68	1689627.73	14225252.96	39°10'25.5538"N	80°49'34.8866"W	2482.23	123.884	1.27	1.24	0.26	
9768.00	91.940	162.890	6542.36	2074.56	-1474.15	2090.07	1689657.12	14225162.71	39°10'24.6609"N	80°49'34.5155"W	2557.64	125.196	1.95	0.09	1.95	
9957.00	90.740	160.580	6537.94	2263.47	-1653.56	2149.29	1689716.31	14224983.37	39°10'22.8865"N	80°49'33.7680"W	2711.77	127.573	1.38	-0.63	-1.22	
10147.00	92.460	163.280	6532.63	2453.35	-1834.09	2208.19	1689775.19	14224802.91	39°10'21.1010"N	80°49'33.0245"W	2870.54	129.713	1.68	0.91	1.42	
10241.00	90.370	159.880	6530.31	2547.29	-1923.23	2237.88	1689804.87	14224713.81	39°10'20.2194"N	80°49'32.6497"W	2950.75	130.676	4.24	-2.22	-3.62	
10336.00	90.550	160.450	6529.55	2642.28	-2012.59	2270.11	1689837.09	14224624.48	39°10'19.3356"N	80°49'32.2426"W	3033.80	131.559	0.63	0.19	0.60	
10430.00	91.110	161.300	6528.19	2736.27	-2101.39	2300.91	1689867.87	14224535.72	39°10'18.4573"N	80°49'31.8538"W	3116.09	132.405	1.08	0.60	0.90	
10525.00	90.770	160.840	6526.63	2831.26	-2191.24	2331.72	1689898.67	14224445.90	39°10'17.5686"N	80°49'31.4647"W	3199.76	133.221	0.60	-0.36	-0.48	
10619.00	91.420	161.790	6524.83	2925.24	-2280.27	2361.83	1689928.77	14224356.91	39°10'16.6881"N	80°49'31.0846"W	3282.97	133.993	1.22	0.69	1.01	
10713.00	91.170	161.190	6522.71	3019.21	-2369.39	2391.67	1689958.59	14224267.83	39°10'15.8068"N	80°49'30.7079"W	3366.61	134.732	0.69	-0.27	-0.64	

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# Actual Wellpath Report

Jenkins Unit 2H AWP Proj: 16754'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 2H
Field	Doddridge	API	47-017-06943-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (185 stations)																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
10808.00	92.130	160.550	6519.97	3114.17	-2459.10	2422.78	1689989.70	14224178.15	39°10'14.9194"N	80°49'30.3150"W	3452.11	135.426	1.21	1.01	-0.67	
10903.00	90.310	160.140	6517.95	3209.14	-2548.54	2454.73	1690021.63	14224088.75	39°10'14.0348"N	80°49'29.9116"W	3538.47	136.074	1.96	-1.92	-0.43	
10998.00	90.340	159.550	6517.41	3304.11	-2637.72	2487.46	1690054.35	14223999.60	39°10'13.1527"N	80°49'29.4982"W	3625.61	136.679	0.62	0.03	-0.62	
11092.00	90.030	159.760	6517.11	3398.09	-2725.86	2520.14	1690087.02	14223911.50	39°10'12.2810"N	80°49'29.0854"W	3712.33	137.246	0.40	-0.33	0.22	
11186.00	90.180	159.620	6516.93	3492.06	-2814.01	2552.77	1690119.63	14223823.38	39°10'11.4090"N	80°49'28.6733"W	3799.38	137.787	0.22	0.16	-0.15	
11281.00	90.550	160.010	6516.33	3587.04	-2903.18	2585.55	1690152.40	14223734.25	39°10'10.5271"N	80°49'28.2593"W	3887.61	138.312	0.57	0.39	0.41	
11376.00	90.060	159.270	6515.82	3682.01	-2992.24	2618.60	1690185.43	14223645.23	39°10'9.6462"N	80°49'27.8418"W	3976.25	138.810	0.93	-0.52	-0.78	
11470.00	90.060	160.090	6515.73	3775.99	-3080.39	2651.24	1690218.06	14223557.11	39°10'8.7743"N	80°49'27.4295"W	4064.22	139.282	0.87	0.00	0.87	
11564.00	90.000	158.540	6515.68	3869.94	-3168.33	2684.45	1690251.25	14223469.21	39°10'7.9045"N	80°49'27.0101"W	4152.65	139.726	1.65	-0.06	-1.65	
11659.00	91.080	160.570	6514.78	3964.90	-3257.33	2717.63	1690284.42	14223380.24	39°10'7.0241"N	80°49'26.5910"W	4242.13	140.161	2.42	1.14	2.14	
11753.00	90.250	160.080	6513.69	4058.89	-3345.84	2749.27	1690316.05	14223291.77	39°10'6.1488"N	80°49'26.1914"W	4330.49	140.590	1.03	-0.88	-0.52	
11847.00	90.220	160.970	6513.30	4152.89	-3434.46	2780.61	1690347.38	14223203.18	39°10'5.2722"N	80°49'25.7957"W	4418.97	141.006	0.95	-0.03	0.95	
11942.00	90.340	160.530	6512.84	4247.88	-3524.14	2811.93	1690378.69	14223113.53	39°10'4.3852"N	80°49'25.4003"W	4508.50	141.413	0.48	0.13	-0.46	
12036.00	90.550	160.130	6512.11	4341.87	-3612.66	2843.57	1690410.31	14223025.06	39°10'3.5097"N	80°49'25.0007"W	4597.52	141.793	0.48	0.22	-0.43	
12131.00	89.880	160.950	6511.75	4436.87	-3702.23	2875.22	1690441.95	14222935.52	39°10'2.6238"N	80°49'24.6011"W	4687.58	142.166	1.11	-0.71	0.86	
12225.00	89.880	160.930	6511.95	4530.87	-3791.07	2905.92	1690472.63	14222846.71	39°10'1.7451"N	80°49'24.2136"W	4776.67	142.529	0.02	0.00	-0.02	
12320.00	89.570	161.020	6512.41	4625.87	-3880.88	2936.88	1690503.59	14222756.94	39°10'0.8568"N	80°49'23.8226"W	4866.88	142.883	0.34	-0.33	0.09	
12414.00	90.150	161.340	6512.64	4719.87	-3969.86	2967.21	1690533.90	14222668.00	39°09'59.9768"N	80°49'23.4398"W	4956.22	143.224	0.70	0.62	0.34	
12508.00	89.540	161.040	6512.89	4813.86	-4058.84	2997.52	1690564.20	14222579.06	39°09'59.0968"N	80°49'23.0572"W	5045.72	143.554	0.72	-0.65	-0.32	
12603.00	89.820	160.700	6513.42	4908.86	-4148.59	3028.65	1690595.32	14222489.34	39°09'58.2091"N	80°49'22.6642"W	5136.49	143.869	0.46	0.29	-0.36	
12698.00	89.720	160.930	6513.80	5003.86	-4238.31	3059.87	1690626.52	14222399.65	39°09'57.3217"N	80°49'22.2701"W	5227.43	144.172	0.26	-0.11	0.24	
12792.00	89.910	160.800	6514.11	5097.86	-4327.12	3090.68	1690657.32	14222310.88	39°09'56.4433"N	80°49'21.8811"W	5317.54	144.463	0.24	0.20	-0.14	
12887.00	89.080	160.050	6514.94	5192.85	-4416.62	3122.51	1690689.14	14222221.41	39°09'55.5580"N	80°49'21.4792"W	5408.94	144.740	1.18	-0.87	-0.79	
12982.00	89.110	160.780	6516.44	5287.83	-4506.11	3154.35	1690720.97	14222131.96	39°09'54.6729"N	80°49'21.0772"W	5500.45	145.007	0.77	0.03	0.77	
13076.00	90.180	160.490	6517.03	5381.83	-4594.79	3185.51	1690752.12	14222043.31	39°09'53.7958"N	80°49'20.8837"W	5591.03	145.267	1.18	1.14	-0.31	
13170.00	89.230	160.470	6517.51	5475.82	-4683.39	3216.92	1690783.52	14221954.75	39°09'52.9195"N	80°49'20.2871"W	5681.79	145.516	1.01	-1.01	-0.02	
13265.00	90.090	160.570	6518.07	5570.82	-4772.95	3248.60	1690815.18	14221865.23	39°09'52.0337"N	80°49'19.8872"W	5773.60	145.760	0.91	0.91	0.11	
13359.00	89.910	160.930	6518.07	5664.82	-4861.69	3279.59	1690846.16	14221776.52	39°09'51.1560"N	80°49'19.4959"W	5864.45	145.997	0.43	-0.19	0.38	
13454.00	90.280	160.820	6517.92	5759.81	-4951.45	3310.72	1690877.27	14221686.80	39°09'50.2682"N	80°49'19.1030"W	5956.31	146.232	0.41	0.39	-0.12	
13548.00	89.780	160.070	6517.87	5853.81	-5040.03	3342.18	1690908.72	14221598.26	39°09'49.3921"N	80°49'18.7058"W	6047.48	146.451	0.96	-0.53	-0.80	

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Environmental Protection



# Actual Wellpath Report

Jenkins Unit 2H AWP Proj: 16754'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 2H
Field	Doddridge	API	47-017-06943-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (185 stations)																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
13643.00	89.780	159.380	6518.23	5948.79	-5129.14	3375.10	1690941.63	14221509.18	39°09'48.5107"N	80°49'18.2900"W	6139.98	146.654	0.73	0.00	-0.73	
13737.00	89.660	159.950	6518.69	6042.76	-5217.28	3407.76	1690974.28	14221421.08	39°09'47.6389"N	80°49'17.8775"W	6231.60	146.849	0.62	-0.13	0.61	
13832.00	89.720	160.750	6519.20	6137.75	-5306.74	3439.71	1691006.22	14221331.65	39°09'46.7540"N	80°49'17.4742"W	6324.01	147.050	0.84	0.06	0.84	
13926.00	90.180	161.950	6519.29	6231.75	-5395.81	3469.77	1691036.26	14221242.62	39°09'45.8731"N	80°49'17.0948"W	6415.14	147.257	1.37	0.49	1.28	
14021.00	89.260	161.620	6519.75	6326.74	-5486.04	3499.46	1691065.95	14221152.42	39°09'44.9807"N	80°49'16.7201"W	6507.14	147.467	1.03	-0.97	-0.35	
14115.00	90.620	161.660	6519.85	6420.73	-5575.26	3529.07	1691095.54	14221063.24	39°09'44.0983"N	80°49'16.3464"W	6598.32	147.667	1.45	1.45	0.04	
14210.00	90.180	160.400	6519.19	6515.72	-5665.09	3559.95	1691126.41	14220973.44	39°09'43.2098"N	80°49'15.9566"W	6690.78	147.855	1.40	-0.46	-1.33	
14304.00	91.380	161.510	6517.91	6609.71	-5753.94	3590.62	1691157.07	14220884.63	39°09'42.3311"N	80°49'15.5695"W	6782.35	148.035	1.74	1.28	1.18	
14399.00	90.580	161.460	6516.28	6704.69	-5844.00	3620.78	1691187.22	14220794.60	39°09'41.4402"N	80°49'15.1888"W	6874.77	148.219	0.84	-0.84	-0.05	
14493.00	90.770	161.790	6515.17	6798.68	-5933.21	3650.41	1691216.84	14220705.43	39°09'40.5580"N	80°49'14.8149"W	6966.24	148.398	0.41	0.20	0.35	
14588.00	90.490	161.570	6514.13	6893.67	-6023.38	3680.27	1691246.68	14220615.29	39°09'39.6661"N	80°49'14.4381"W	7058.72	148.575	0.37	-0.29	-0.23	
14682.00	90.860	162.610	6513.02	6987.64	-6112.82	3709.18	1691275.58	14220525.89	39°09'38.7815"N	80°49'14.0734"W	7150.15	148.751	1.17	0.39	1.11	
14777.00	90.830	162.000	6511.62	7082.61	-6203.32	3738.05	1691304.44	14220435.43	39°09'37.8865"N	80°49'13.7091"W	7242.52	148.927	0.64	-0.03	-0.64	
14872.00	91.420	161.100	6509.76	7177.58	-6293.42	3768.11	1691334.48	14220345.37	39°09'36.9954"N	80°49'13.3298"W	7335.24	149.089	1.13	0.62	-0.95	
14966.00	90.340	161.990	6508.31	7271.56	-6382.57	3797.86	1691364.22	14220256.25	39°09'36.1136"N	80°49'12.9543"W	7427.04	149.246	1.49	-1.15	0.95	
15061.00	90.310	161.980	6507.77	7366.55	-6472.91	3827.24	1691393.59	14220165.95	39°09'35.2201"N	80°49'12.5836"W	7519.73	149.405	0.03	-0.03	-0.01	
15156.00	90.460	162.070	6507.14	7461.53	-6563.27	3856.56	1691422.90	14220075.62	39°09'34.3264"N	80°49'12.2137"W	7612.46	149.562	0.18	0.16	0.09	
15250.00	90.180	161.830	6506.61	7555.52	-6652.64	3885.68	1691452.01	14219986.28	39°09'33.4425"N	80°49'11.8462"W	7704.30	149.712	0.39	-0.30	-0.26	
15344.00	90.000	162.010	6506.46	7649.50	-6742.00	3914.86	1691481.17	14219896.96	39°09'32.5587"N	80°49'11.4781"W	7796.20	149.858	0.27	-0.19	0.19	
15439.00	90.340	161.900	6506.18	7744.49	-6832.33	3944.28	1691510.59	14219806.67	39°09'31.6654"N	80°49'11.1068"W	7889.11	150.002	0.38	0.36	-0.12	
15534.00	91.320	162.600	6504.80	7839.45	-6922.79	3973.24	1691539.53	14219716.24	39°09'30.7706"N	80°49'10.7415"W	7981.96	150.147	1.27	1.03	0.74	
15628.00	90.220	161.910	6503.54	7933.42	-7012.31	4001.89	1691568.17	14219626.76	39°09'29.8853"N	80°49'10.3801"W	8073.89	150.287	1.38	-1.17	-0.73	
15723.00	90.520	161.410	6502.93	8028.41	-7102.48	4031.78	1691598.05	14219536.62	39°09'28.9935"N	80°49'10.0029"W	8167.04	150.418	0.61	0.32	-0.53	
15817.00	90.340	160.870	6502.22	8122.41	-7191.44	4062.16	1691628.42	14219447.71	39°09'28.1137"N	80°49'9.6194"W	8259.41	150.540	0.61	-0.19	-0.57	
15912.00	90.180	160.430	6501.79	8217.41	-7281.07	4093.64	1691659.89	14219358.11	39°09'27.2271"N	80°49'9.2221"W	8352.95	150.654	0.49	-0.17	-0.46	
16006.00	90.250	161.170	6501.44	8311.40	-7369.84	4124.55	1691690.79	14219269.38	39°09'26.3491"N	80°49'8.8319"W	8445.50	150.766	0.79	0.07	0.79	
16101.00	89.780	160.760	6501.41	8406.40	-7459.64	4155.54	1691721.76	14219179.61	39°09'25.4609"N	80°49'8.4408"W	8539.01	150.879	0.66	-0.49	-0.43	
16195.00	91.110	160.920	6500.68	8500.40	-7548.43	4186.39	1691752.60	14219090.85	39°09'24.5827"N	80°49'8.0515"W	8631.61	150.987	1.43	1.41	0.17	
16290.00	90.370	160.760	6499.46	8595.39	-7638.16	4217.56	1691783.76	14219001.16	39°09'23.6952"N	80°49'7.6580"W	8725.21	151.094	0.80	-0.78	-0.17	
16384.00	90.770	161.350	6498.52	8689.38	-7727.06	4248.08	1691814.26	14218912.29	39°09'22.8159"N	80°49'7.2728"W	8817.81	151.199	0.76	0.43	0.63	

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 2H
Field	Doddridge	API	47-017-06943-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 2H AWB
Slot	Slot F		

WELLPATH DATA (185 stations) † = interpolated, ‡ = extrapolated station																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
16479.00	89.690	160.110	6498.14	8784.38	-7816.74	4279.43	1691845.60	14218822.66	39°09'21.9290"N	80°49'6.8771"W	8911.50	151.301	1.73	-1.14	-1.31	
16574.00	90.740	161.120	6497.78	8879.37	-7906.35	4310.96	1691877.12	14218733.08	39°09'21.0426"N	80°49'6.4791"W	9005.26	151.398	1.53	1.11	1.06	
16668.00	89.910	159.990	6497.25	8973.37	-7994.98	4342.25	1691908.40	14218644.48	39°09'20.1659"N	80°49'6.0842"W	9098.07	151.493	1.49	-0.88	-1.20	
16729.00	90.770	161.130	6496.89	9034.36	-8052.50	4362.55	1691928.69	14218586.98	39°09'19.5970"N	80°49'5.8279"W	9158.31	151.553	2.34	1.41	1.87	
16754.00‡	90.770	161.130	6496.55	9059.36	-8076.16	4370.64	1691936.77	14218563.34	39°09'19.3631"N	80°49'5.7259"W	9182.96	151.579	0.00	0.00	0.00	Projected MD at TD: 16754'

HOLE & CASING SECTIONS - Ref Wellbore: Jenkins Unit 2H AWB Ref Wellpath: Jenkins Unit 2H AWP Proj: 16754'									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	30.00	130.00	100.00	30.00	130.00	0.00	0.00	0.72	-0.53
17.5in Open Hole	130.00	430.00	300.00	130.00	429.99	0.72	-0.53	2.76	-0.53
13.375in Casing Surface	30.00	410.00	380.00	30.00	409.99	0.00	0.00	2.62	-0.56
12.25in Open Hole	430.00	2978.00	2548.00	429.99	2878.77	2.76	-0.53	543.80	323.54
9.625in Casing Intermediate	30.00	2938.00	2908.00	30.00	2841.58	0.00	0.00	530.79	316.66
8.75in Open Hole	2978.00	5941.00	2963.00	2878.77	5647.13	543.80	323.54	1440.96	864.30
8.5in Open Hole	5941.00	16754.00	10813.00	5647.13	6496.55	1440.96	864.30	-8076.16	4370.64
5.5in Casing Production	30.00	16734.00	16704.00	30.00	6496.82	0.00	0.00	-8057.23	4364.17

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Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 2H
Field	Doddridge	API	47-017-06943-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 2H AWB
Slot	Slot F		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Jenkins Unit 2H POE Rev-2	6537.00	1054.01	1225.50	1688792.89	14227689.86	39°10'49.6652"N	80°49'45.4330"W	point
Jenkins Unit 2H BHL Rev-2	6564.00	-8050.24	4362.60	1691928.74	14218589.25	39°09'19.6194"N	80°49'5.8273"W	point
Jenkins Unit 2H LP Rev-2	6564.00	869.84	1288.96	1688856.33	14227505.76	39°10'47.8437"N	80°49'44.6316"W	point
Jenkins Unit 2H 50' L/R Hard Line	7000.00	-3498.11	2794.05	1690360.82	14223139.55	39°10'4.6428"N	80°49'25.6266"W	rectangle
2D Rectangle 9629.57 x 100.								

WELLPATH COMPOSITION - Ref Wellbore: Jenkins Unit 2H AWB Ref Wellpath: Jenkins Unit 2H AWP Proj: 16754'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	436.00	Gyrodata 2015 - GC+WIR+DPIPE	01 Gyrodata MS Gyro <17-1/2"> (50'-436')	Jenkins Unit 2H AWB	4/2/2023
436.00	2893.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02 APS EM <12-1/4"> (436')(563'-2893')	Jenkins Unit 2H AWB	4/2/2023
2893.00	5861.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03 APS EM <8-3/4"> (2893')(3024'-5861')	Jenkins Unit 2H AWB	5/15/2023
5861.00	16754.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04 BH AT Curve <8-1/2"> (5861')(5928'-16729')	Jenkins Unit 2H AWB	5/15/2023

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Jenkins Unit 2H AWP Proj: 16754'  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Jenkins Unit 2H
Field	Doddridge	API	47-017-06943-0000
Facility	Locke Pad	Wellbore	Jenkins Unit 2H AWB
Slot	Slot F		

COMMENTS
<p><b>Wellpath general comments</b> API: 47-017-06943-0000 BH Job #: 111750221 Rig: H&amp;P 531 Duration: 5/17/2023-5/20/2023 Gyrodatta MS Gyro &lt;17-1/2"&gt; (50'-436') APS EM &lt;12-1/4"&gt; (436')(563'-2893') APS EM &lt;8-3/4"&gt; (2893')(3024'-5861') BH AT Curve &lt;8-1/2"&gt; (5861')(5928'-16729') Sycamore: 6500' MD Middlesex: 6722' MD Burkett: 6912' MD Tully: 7023' MD Marcellus POE: 7103' MD Projected MD at TD: 16754'</p>

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